

## ABSTRACT

The present invention relates to phytase variants, their preparation and uses, which phytase variants, when aligned according  
5 to Fig. 1, are amended as compared to a model phytase in at least one of a number of positions. Preferred model phytases are basidiomycete and ascomycete phytases, such as *Peniophora* phytase and *Aspergillus* phytases. Preferred phytase variants exhibits amended activity characteristics, such as improved specific activity and/or improved  
10 thermostability.